Horticulture Irrigation Pricing Rebate Scheme
Supplementary Information

1. Rebate calculation formulas

a) Applications where all water allocation(s) are used for horticulture.

The amount of the payment under the rebate scheme is worked out using the following formula—

$$P = (((PA + PC) \times WA) + ((PB + PD) \times WAU) + WAC) \times 0.35$$

where—

P is the amount of the rebate payment.

PA is the sum of—

    (a) the part A price set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that price.

PC is the sum of—

    (a) the part C price set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that price.

WA is the applicant's water allocation(s) for the applicable billing period, in megalitres, set out in the eligible irrigation pricing bill.

PB is the sum of—

    (a) the part B price set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that price.

PD is the sum of—

    (a) the part D price set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that price.

WAU is the applicant's water allocation, in megalitres, used for water the subject of the eligible irrigation pricing bill.

WAC is the sum of—

    (a) the access charge set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that charge.

b) Applications where only part of the water allocation(s) are used for horticulture and the application includes details of the water volumes used, or historically used, to grow horticultural crops.

The amount of the payment under the rebate scheme is worked out using the following formula—

$$P = \left(\frac{VH}{TV} \times \left((PA + PC) \times WA\right) + \left((PB + PD) \times WAU\right) + WAC\right) \times 0.35$$

where—

P is the amount of the rebate payment.

VH is—

    (a) the volume of water the subject of the eligible irrigation pricing bill that was used to irrigate horticultural crops; or

    (b) the volume of water used to irrigate horticultural crops in a period prior to the billing period for which the eligible irrigation pricing bill is issued.

TV is—

    (a) the volume of water the subject of the eligible irrigation pricing bill that was used to irrigate all crops; or

    (b) the volume of water used to irrigate all crops in a period prior to the billing period for which the eligible irrigation pricing bill is issued.

PA is the sum of—

    (a) the part A price set out in the eligible irrigation pricing bill; and

(b) the amount of any discount that was applied to calculate that price.

PC is the sum of—

    (a) the part C price set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that price.

WA is the applicant's water allocation(s) for the applicable billing period, in megalitres, set out in the eligible

irrigation pricing bill.

PB is the sum of—

    (a) the part B price set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that price.

PD is the sum of—

    (a) the part D price set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that price.

WAU is the applicant's water allocation, in megalitres, used for water the subject of the eligible irrigation pricing bill.

WAC is the sum of—

    (a) the access charge set out in the eligible irrigation pricing bill; and

    (b) the amount of any discount that was applied to calculate that charge.

c) Applications where only part of water allocation(s) are used for horticulture and the application includes details of the land area used, or historically used, to grow horticultural and non-horticultural crops.

The amount of the payment under the rebate scheme is worked out using the following formula—

$$P = \left(\frac{\sum_{i=1}^{n} h_i}{\sum_{i=1}^{n} h_i + \sum_{i=1}^{n} x_i} \times \left((PA + PC) \times WA \right) + \left((PB + PD) \times WAU \right) + WAC \right) \times 0.35$$

$$\sum_{i=1}^{n} h_i = h_1 + h_2 + \cdots h_n$$

h_i means the product of the Australian Bureau of Statistics (ABS) water application rate for horticultural crop i and the applicant's land area under production for crop i. (Click here to view ABS water application rates).

$$\sum_{i=1}^{n} x_i = x_1 + x_2 + \cdots x_n$$

x_i means the product of the ABS water application rate for non-horticultural crop i and the applicant's land area under production for non-horticultural crop i.

PA is the sum of—

(a) the part A price set out in the eligible irrigation pricing bill; and

(b) the amount of any discount that was applied to calculate that price.

PC is the sum of—

(a) the part C price set out in the eligible irrigation pricing bill; and

(b) the amount of any discount that was applied to calculate that price.

WA is the applicant's water allocation(s) for the applicable billing period, in megalitres, set out in the eligible

irrigation pricing bill.

PB is the sum of—

(a) the part B price set out in the eligible irrigation pricing bill; and

(b) the amount of any discount that was applied to calculate that price.

PD is the sum of—

(a) the part D price set out in the eligible irrigation pricing bill; and

(b) the amount of any discount that was applied to calculate that price.

WAU is the applicant's water allocation, in megalitres, used for water the subject of the

eligible irrigation pricing bill.

WAC is the sum of—

(a) the access charge set out in the eligible irrigation pricing bill; and

(b) the amount of any discount that was applied to calculate that charge.

2. Horticultural crops

The following section details horticultural crops under the scheme which are identified under the Australian and New Zealand Standard Industrial Classification (ANZSIC) 2006 published by the Australian Bureau of Statistics.[1]

0111, Bedding plant growing - under cover	0121, Cultivated mushroom growing	0131, Grape growing
0111, Bulb growing - under cover	0121, Mushroom farming	0131, Grape sun-drying
0111, Bulb propagating - under cover	0121, Mushroom growing	0131, Grape sundrying
0111, Fruit tree nursery operation - under cover	0121, Mushroom spawn growing	0131, Grapes growing
0111, Nursery stock growing (except forest) - under cover	0122, Aniseed growing - under cover	0131, Table grape growing
0111, Ornamental plant growing - under cover	0122, Beans growing (except dry field beans or soybeans) under cover	0131, Vineyard operation
0111, Ornamental plant propagating - under cover	0122, Capsicum growing - under cover	0131, Viticulture
0111, Perennial growing - under cover	0122, Chive growing - under cover	0131, Wine grape growing
0111, Plant nursery operation - under cover	0122, Choko growing - under cover	0132, Kiwi fruit growing
0111, Plant stock growing (except forest nursery) - under cover	0122, Cucumber growing - under cover	0132, Kiwifruit growing
0111, Seedling growing - under cover	0122, Endive growing - under cover	0133, Berry fruit growing
0111, Vine stock nursery operation - under cover	0122, Herb growing - under cover	0133, Berryfruit growing
0112, Bulb growing - outdoors	0122, Hothouse tomato growing	0133, Berryfruit orchard
0112, Bulb propagating - outdoors	0122, Hothouse vegetable growing	0133, Blackberry growing
0112, Fruit tree nursery operation - outdoors	0122, Hydroponics - vegetable growing	0133, Blackcurrant growing
0112, Grape vine stock growing	0122, Lettuce growing - under cover	0133, Blueberry growing
0112, Nursery farm operation (except forest)	0122, Marrow growing - under cover	0133, Boysenberry growing
0112, Nursery stock growing (except forest) - outdoors	0122, Mint growing - under cover	0133, Cranberry growing
0112, Ornamental plant growing - outdoors	0122, Parsley growing - under cover	0133, Gooseberry growing
0112, Ornamental plant propagating - outdoors	0122, Peppermint growing - under cover	0133, Loganberry growing
0112, Plant nursery operation - outdoors	0122, Spinach growing - under cover	0133, Mulberry growing
0112, Plant stock growing (except forest nursery) - outdoors	0122, Sprout growing - under cover	0133, Raspberry growing

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[1] The 'not elsewhere classified' ANZIC codes have been expanded through consultation with Department of Agriculture and Fisheries

0112, Seedling growing - outdoors

0112, Vine stock nursery operation - outdoors

0113, Grass growing - turf

0113, Growing and selling instant lawn

0113, Lawn seed growing

0113, Turf growing

0114, Carnation growing - under cover

0114, Display foliage growing - under cover

0114, Floriculture - under cover

0114, Flower growing - under cover

0114, Flower seed growing - under cover

0114, Gerbera growing - under cover

0114, Growing flowers for seed collection - under cover

0114, Gypsophila growing - under cover

0114, Orchid growing - under cover

0114, Rose growing - under cover

0114, Seed, flower, growing - under cover

0114, Wildflower growing - under cover

0115, Calla lily growing - outdoor

0115, Carnation growing - outdoors

0115, Display foliage growing - outdoors

0115, Floriculture - outdoors

0115, Flower growing - outdoors

0115, Flower seed growing - outdoors

0115, Gerbera growing - outdoors

0115, Growing flowers for seed collection - outdoors

0115, Gypsophila growing - outdoors

0115, Hydrangea growing - outdoors

0115, Orchid growing - outdoors

0115, Peony growing - outdoor

0115, Rose growing - outdoors

0115, Seed, flower, growing - outdoors

0115, Wildflower growing - outdoors

0122, Tomato growing - under cover

0122, Truffles growing - under cover

0122, Vegetable growing - under cover

0122, Vegetable seed growing - under cover

0122, Vegetables growing - under cover (except dry field peas or beans or soybeans or for fodder)

0123, Aniseed growing - outdoors

0123, Artichoke growing

0123, Asparagus growing - outdoors

0123, Bean growing - outdoors (except dry field beans or soybeans)

0123, Beetroot growing

0123, Broccoli growing

0123, Brussel sprout growing

0123, Cabbage growing

0123, Cantaloupe growing

0123, Capsicum growing - outdoors

0123, Carrot growing - outdoors

0123, Cauliflower growing

0123, Celery growing

0123, Chive growing - outdoors

0123, Choko growing - outdoors

0123, Corn growing

0123, Courgette growing

0123, Cucumber growing - outdoors

0123, Eggplant growing

0123, Endive growing - outdoors

0123, French beans growing

0123, Garden peas growing

0123, Garlic growing - outdoors

0123, Gherkin growing

0123, Gourd growing

0123, Gramma growing

0123, Green peas growing

0123, Herb growing - outdoors

0123, Horseradish growing

0123, Kumara growing - outdoors

0133, Red or black currant growing

0133, Redcurrant growing

0133, Strawberry growing

0134, Apple growing

0134, Apples sun-drying

0134, Asian pear growing

0134, Nashi pear growing

0134, Pear growing

0134, Pear sun-drying

0134, Pome fruit growing

0134, Pome fruit sun-drying

0134, Quince growing

0135, Apricot growing

0135, Apricots sun-drying

0135, Cherry growing

0135, Lychees growing

0135, Nectarine growing

0135, Peach growing

0135, Plum or prune growing

0135, Stone fruit growing

0135, Stone fruit sun-drying

0136, Citrus fruit growing

0136, Citrus orchard operation

0136, Cumquat growing

0136, Grapefruit growing

0136, Kumquat growing

0136, Lemon growing

0136, Lime growing

0136, Mandarin growing

0136, Orange growing

0136, Tangelo growing

0137, Olive growing

0139, Almond growing

0139, Avocado growing

0139, Babaco growing

0123, Leek growing
0123, Lettuce growing - outdoors
0123, Market gardening
0123, Marrow growing - outdoors
0123, Melon growing - outdoors
0123, Mint growing - outdoors
0123, Onion growing - outdoors
0123, Parsley growing - outdoors
0123, Parsnip growing
0123, Pea growing - outdoors (except dry field peas)
0123, Peppermint growing - outdoors

0123, Peppers growing

0123, Potato growing - outdoors

0123, Potatoes growing - outdoors
0123, Pulse growing
0123, Pumpkin growing
0123, Radish growing

0123, Rhubarb growing

0123, Rockmelon growing
0123, Seed potato growing
0123, Shallot growing
0123, Silverbeet growing
0123, Snowpeas growing
0123, Spinach growing - outdoors
0123, Squash growing
0123, Sugar beet growing - outdoors
0123, Swede growing
0123, Sweet potato growing
0123, Sweetcorn growing - outdoors
0123, Tomato growing - outdoors
0123, Truffle growing - outdoors
0123, Turnip growing
0123, Vegetable growing - outdoors
0123, Vegetable seed growing - outdoors
0123, Vegetables growing (except dry field peas or beans or soybeans or for fodder) - outdoors
0123, Watermelon growing

0139, Banana growing
0139, Brazil nut growing
0139, Cashew nut growing
0139, Cherimoya growing
0139, Chestnut growing
0139, Cocoa growing
0139, Coconut growing
0139, Coffee growing
0139, Custard apple growing
0139, Feijoa growing
0139, Fig growing
0139, Fruit growing (except pome, stone fruit, kiwi fruit or grapes)
0139, Fruit sun-drying (except pome, stone fruit or grapes)
0139, Hazelnut growing
0139, Loquat growing
0139, Macadamia nut growing
0139, Mango growing
0139, Nuts growing (except peanuts)
0139, Passionfruit growing
0139, Pawpaw growing
0139, Pecan nut growing
0139, Persimmon growing
0139, Pineapple growing
0139, Pistachio growing
0139, Tamarillo growing
0139, Tree nuts growing
0139, Walnut growing

0123, Zucchini growing
Buk Choy
Chillies
Choy Sum
Fennel
Ginger
Kale
Kohlrabi
Okra
Pak Choy
Rocket
Spring Onions
Turmeric
Wombok
Yams