

Irrigation Allowance Index Workshop
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Background

Key Points:

- December 31, 2011 is the last day of the current FCGMA IE program.
- January 1, 2012 is the first day of the new FCGMA "Irrigation Allowance Index" program. (First filing under new program Jan-Mar 2013).
- Agency's Ordinance Code will be updated to reflect change.

Background

Key Points:

- Today's workshop is an opportunity for you to learn more about the new Irrigation Allowance Index and work through some calculations using the new paperwork
- We may be refining the irrigation allowance values as we learn more:
 - Do we need additional crop types?
 - Are the irrigation allowance values too low, or too high?

Background

Key Points:

- Ordinance 8.2 will be updated to remove the references to Irrigation Efficiency.
- It will be revised to include references to the Irrigation Allowance Index.
- First Reading is at the September 28, 2011 Board Meeting.

Background

Key Points:

- Revised Ordinance will likely include the details of the Irrigation Allowance Index in an attached Resolution.
- Allows the Agency some flexibility.
- Like with IE, surcharges for inefficiency will still apply.
- We have contracted with Dr. Styles over the next 11 months to conduct quality control of the new IAI.

Background

Key Points:

- What stays the same:
 - Paperwork still filed at the end of the Calendar Year.
 - Total Applied Water is still required.
 - Map with the APN is still required.

Background

Key Points:

- What will be required for 2012
- The *Irrigation Allowance* is used instead of allowed water.
- The *Evapotranspiration Zone and Year Type* is used instead of FCMGA weather station.
- Report *Crop Cover %* for Avocado's, Blueberries, and Citrus .

Example Calculation 1

Year is 2007, considered a Dry Year (recorded precip. ~7.5 inches)

Crop is 122 Acres of Avocados in ETO Zone 2- Camarillo

Crop cover estimated at 70%

Annual Irrigation Allowance is 56 inches (4.66 AF)

Water applied is 333 acre feet

Annual Irrigation Allowance*
(Inches)

Crop Category	Climate (C)			Camarillo (C)			Santa Paula (C)		
	Typical	Dry	Wet	Typical	Dry	Wet	Typical	Dry	Wet
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches
Avocado - 20% Cover	22	25	21	25	28	23	28	20	25
Avocado - 50% Cover	32	36	30	37	40	33	40	28	37
Avocado - 70% Cover	44	49	42	50	56	45	54	41	52
Blueberries - 50% Cover	52	58	51	56	62	55	59	43	58
Blueberries - 70% Cover	68	75	67	73	80	72	77	57	76
Citrus - Fall	48	53	45	53	58	47	54	41	49
Citrus - Spring	48	53	45	53	58	47	54	41	49
Citrus - 20% Cover	33	36	31	36	40	33	38	31	36
Citrus - 50% Cover	48	53	45	53	58	47	54	41	49
Citrus - 70% Cover	63	69	60	69	75	63	71	57	67
Lima Beans	32	35	29	35	38	31	36	29	34
Misc Veg Greenhouse - Fall	10	10	10	10	10	10	10	10	10
Misc Veg Greenhouse - Spring	16	16	16	16	16	16	16	16	16
Misc Veg Greenhouse - Summer	15	15	15	15	15	15	15	15	15
Misc Veg Single Crop - Fall	15	15	15	15	15	15	15	15	15
Misc Veg Single Crop - Spring	15	15	15	15	15	15	15	15	15
Misc Veg Single Crop - Summer	14	14	14	14	14	14	14	14	14
Nursery - Container	53	56	49	56	60	53	59	51	59
Peppers - Plastics	54	56	52	60	63	56	63	56	64
Peppers - Unplastic	54	56	54	61	63	55	62	57	62
Soil	48	53	47	54	57	53	59	53	58
Strawberries - Mid Season	28	30	28	33	35	31	36	31	36
Strawberries - Seasonal	28	30	28	33	35	31	36	31	36
Tomatoes - Plastics (Summer)	27	27	26	31	33	30	34	31	32

56" is the Irrigation Allowance per Acre (AKA 4.66 AF/Acre)

*Add 0.5 inches per foot excess
