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April 11, 2001

To:
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Eric Lane
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Cindy Owsley
Boulder County Weed Coordinator
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Greetings,

The following seed packets were purchased at the McGuckin Hardware store in Boulder Colorado, and contain one or two state listed noxious weeds as part of a seed mixture. I contacted McGuckin's seed representative regarding other listed species that occurred on their sales racks, and they were very responsive and removed them from the racks. The seed packets shown below, and larger "economy" packets of the same mixtures were not, however, removed. The understandable argument given by McGuckin's was that these were Shasta daisies that are not listed. However, if you examine the scientific names on the packets you will see that it is actually oxeye daisy (*Chrysanthemum leucanthemum*), a listed species.

This brings up a very important issue. By simply using a misleading common name, it is possible to obscure the actual species that are included in the packets. Scientific names must be made mandatory somewhere on seed packets, otherwise it will be impossible to know what is actually in the packets. Many packets are a mix of common names and scientific names so the true contents are uncertain. Although standardization of common names is probably hopeless, and even scientific names are in flux, the scientific names along with some species verification process is necessary.

Thanks for your attention.

Sincerely,
Patrick Murphy

PACKED FOR 2001 LOT B ORIGIN CA
Lake Valley Seed 5717 Arapahoe Boulder, CO 80303

Recycled Paper
40% Pre-Consumer Content
10% Post-Consumer Content

Dry Land Wildflower Mixture

Capture the beauty of a wildflower meadow right in your own yard! This is a mixture of tall and short varieties that are well adapted to dry areas. Blossoms begin in about 45 days and continue for many years.

Type	Height	Planting Depth	Seed Spacing	Thinning Height	Thinning Spacing	Days to Germinate
Annuals	1-4'	¼"	Spread evenly	1"	6"	5 - 20
Perennials	30-122 cm	6 mm	Spread evenly	3 cm	15 cm	

PLANTING: Plant Spring or Fall in mild climates and early Spring in colder areas. Remove weeds and grass. Loosen soil with rake or shovel. Scatter seeds evenly over area. Lightly rake seeds into top ¼". A light mulch may help in dry climates. Keep evenly moist until seeds germinate. Occasional watering may be necessary.

CONTAINS: 7% Centaurea cyanus blue, 7% Chrysanthemum leucanthemum Shasta, 4% Coreopsis tinctoria mix, 7% Dianthus barbatus mix, 7% Eschscholtzia californica orange, 7% Eschscholtzia californica red, 6% Gillia capitata, 7% Gypsophila elegans white, 7% Linum perenne, 7% Ratibida columnaris red, 7% Rudbeckia hirta, plus 34% of the following mix (none over 5%) Achillea millefolium white, Alyssum maritimum white, Anthemis tinctoria, Calendula Pacific Beauty Mix, Cosmos bipinatus mix, Dimorphotheca sinuata mix, Echinacea purpurea, Gaillardia pulchella, Godetia single mix, Lupinus hartwegii, Papaver rhoeas mix.
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Perennial Wildflower Mixture

Capture the beauty of a wildflower meadow right in your own yard! This is a mixture of perennials flowers native and naturalized in North America and Europe. Expect the best showing in its second and successive years when perennial flowers reach maturity.

Type	Height	Planting Depth	Seed Spacing	Thinning Height	Thinning Spacing	Days to Germinate
Perennial	1-4'	¼"	Spread evenly	1"	6"	5 - 20
	30-122 cm	6 mm	Spread evenly	3 cm	15 cm	

PLANTING: Plant Spring or Fall in mild climates and early Spring in colder areas. Remove weeds and grass. Loosen soil with rake or shovel. Scatter seeds evenly over area. Lightly rake seeds into top ¼". A light mulch may help in dry climates. Keep evenly moist until seeds germinate. Occasional watering may be necessary.

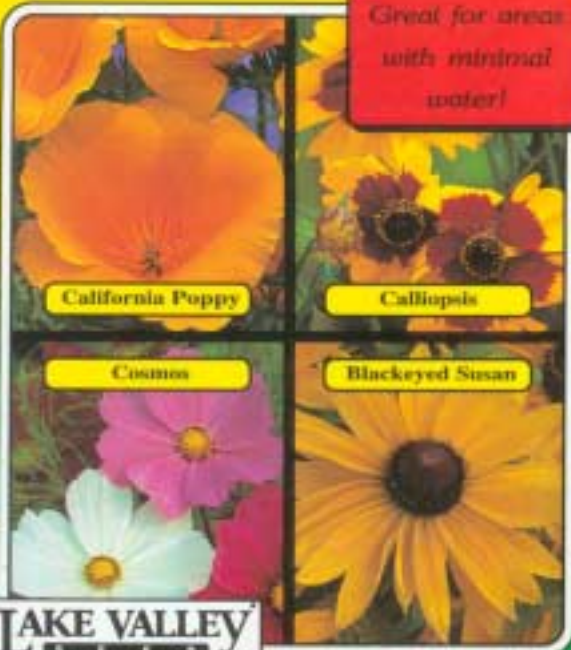
CONTAINS: 8% Cherianthus allionii, 8% Chrysanthemum leucanthemum Shasta, 8% Coreopsis lanceolata, 8% Dianthus barbatus mixed colors, 8% Eschscholtzia californica orange, 8% Eschscholtzia californica red, 10% Linum perenne, 12% Lupinus perennis, 7% Ratibida columnaris, 10% Rudbeckia hirta, plus 13% of the following mix (none over 5%) Achillea millefolium, Cherianthus cheirri mixture, Digitalis purpurea, Gaillardia aristata, Hesperis matronalis.
© Lake Valley Seed, Inc.



Enough seed to plant about 35 sq. ft.

WILDFLOWERS DRY LAND MIXTURE

\$1.59
NET WT
3 g



Great for areas
with minimal
water!

California Poppy

Calliopsis

Cosmos

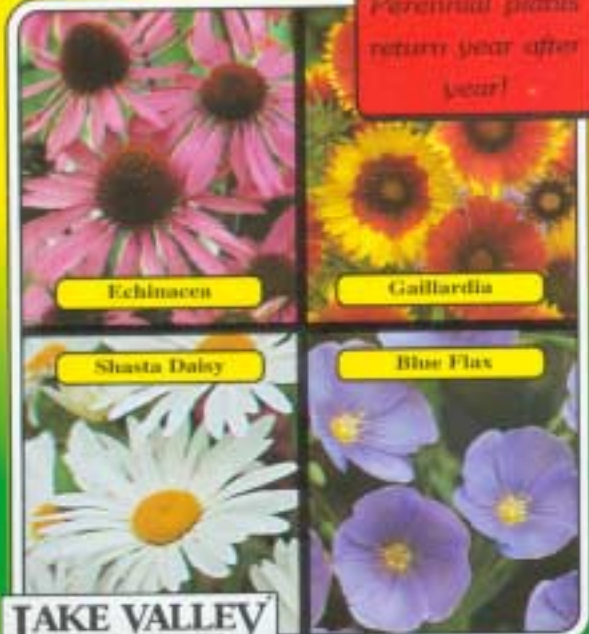
Blackeyed Susan

LAKE VALLEY
SEED

Enough seed to plant about 35 sq. ft.

WILDFLOWERS PERENNIAL MIXTURE

\$1.59
NET WT
3 g



Perennial plants
return year after
year!

Echinacea

Gaillardia

Shasta Daisy

Blue Flax

LAKE VALLEY
SEED

MCBUCKIN HARDWARE INC. CASH SALE
 2525 ARAPAHOE AVE 1742823
 BOULDER, CO 80302 04/10/01
 (303)443-1822 www.mcuckin.com 19:02
 P- 46 W- 34 P- 1

7440003 A 010 SEED-GENERIC FLOWER-#1.
 1.00 1.59 EA 1.59
 7450516 A 1683 SEED-WILDFLWR.MIX-PERE
 1.00 1.59 EA 1.59

SUBTOTAL 3.18
 SALES TAX -CSH .23
 TOTAL 3.41

PAID BY: CASH 4.00
 CHANGE .59

Return Policy: Within 10 days of purchas
 unused, with receipt and photo I.D.
 NOW HIRING FULL AND PART TIME!!!!!!!!!!!!

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