

1. PaDIL Species Factsheet



Scientific Name:

Lactuca sativa Linnaeus, C (1753)

(Magnoliophyta: Magnoliopsida: Asterales: Asteraceae)

Common Name

Lettuce

Live link: <http://www.padil.gov.au:80/seeds/Pest/Main/142259>

Image Library

Seed Library

Live link: <http://www.padil.gov.au:80/seeds/>

Partners for Seed Library image library



Museum Victoria

<http://museumvictoria.com.au/>



DAFF

<http://www.daff.gov.au/>

2. Species Information

2.1. Details

Specimen Contact: AQIS -

Author: Clare McLellan

Citation: Clare McLellan (2012) Lettuce (*Lactuca sativa*) Updated on 1/17/2013 Available online: PaDIL - <http://www.padil.gov.au>

Image Use: Free for use under the Creative Commons Attribution 3.0 Australia licence

2.2. URL

Live link: <http://www.padil.gov.au:80/seeds/Pest/Main/142259>

2.3. Facets

Fruit appendages: Ridges or grooves

Fruit colour: Yellow

Fruit length: 3-4mm

Fruit shape: Lanceolate

Reliability: High

Seed colour: Straw coloured, Yellow

Seed length: 2.1-4mm

Seed sculpture: Striate, Ribbed

Seed shape: Lanceolate

2.4. Other Names

Garden lettuce

2.5. Diagnostic Notes

****Pictured:**** Achene

Disseminule: Fruit (referred to as achene or seed unit)

****Description ****

Achene appendages: Ridges and grooves

Achene Colour: Yellow

Achene Length: 2 - 4mm

Achene Sculpture: Striate

Achene Shape: Lanceolate (Lance shaped)

The production of empty seeds is common in non-domesticated species of the Asteraceae. Empty seeds may have a normal seed coat but an absent or under-developed embryo, or limited storage tissue.

The fruit (3-4 mm) is an indehiscent achene, with a single locule containing a single seed. The achenes are narrowly obovate and compressed, with 5-7 ribs on each face. The tip is formed into a narrow beak, topped by a pappus of 2 equal rows of soft white, simple hairs. The seeds are white, yellowish, grey or brown in

colour.

Source: See Web Links KEW Royal Botanic Gardens

2.6. Web Links

KEW Royal Botanic Gardens: <http://www.kew.org>

3. Diagnostic Images



Seed Project
Achene Apex: Clare McLellan Museum
Victoria



Seed Project
Achene Base: Clare McLellan Museum
Victoria



Seed Project
Achene Dorsal: Clare McLellan Museum
Victoria



Seed Project
Achene Lateral: Clare McLellan Museum
Victoria



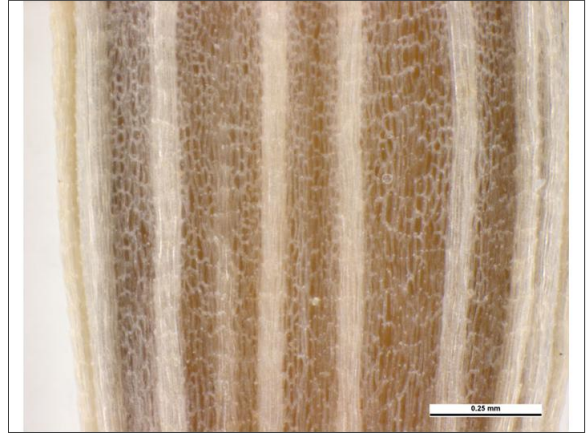
Seed Project
Achene Ventral: Clare McLellan Museum
Victoria



Australian \$2 Coin with achene
Coin compare: Clare McLellan Museum
Victoria



Seed Project
Group Image: Clare McLellan Museum
Victoria



Seed Project
Surface detail: Clare McLellan Museum
Victoria

4. Other Images

Results Generated:

Sunday, January 19, 2020
